FIG. 2

BLOCK DIAGRAM OF MULTI-RATE RS ENCODER
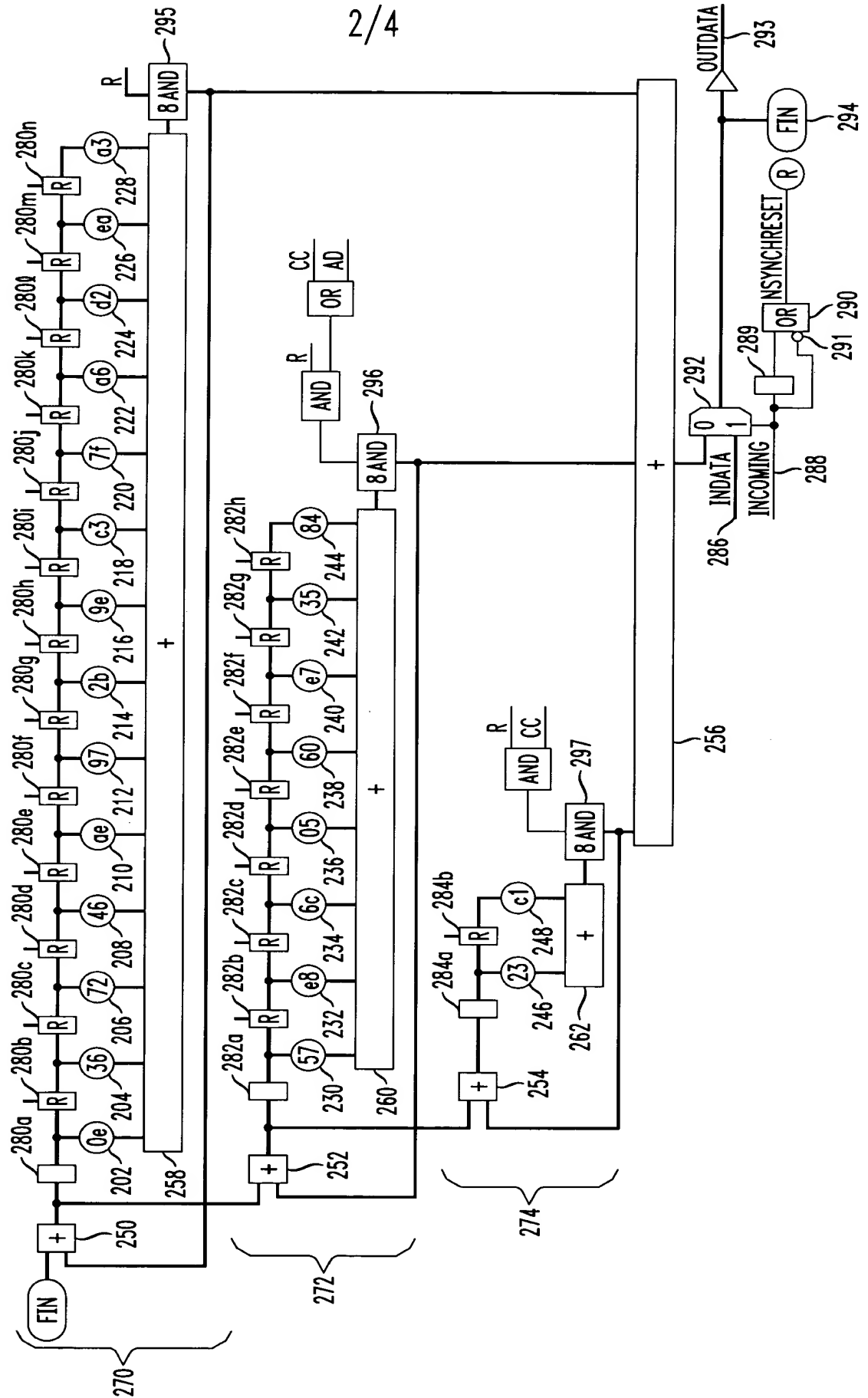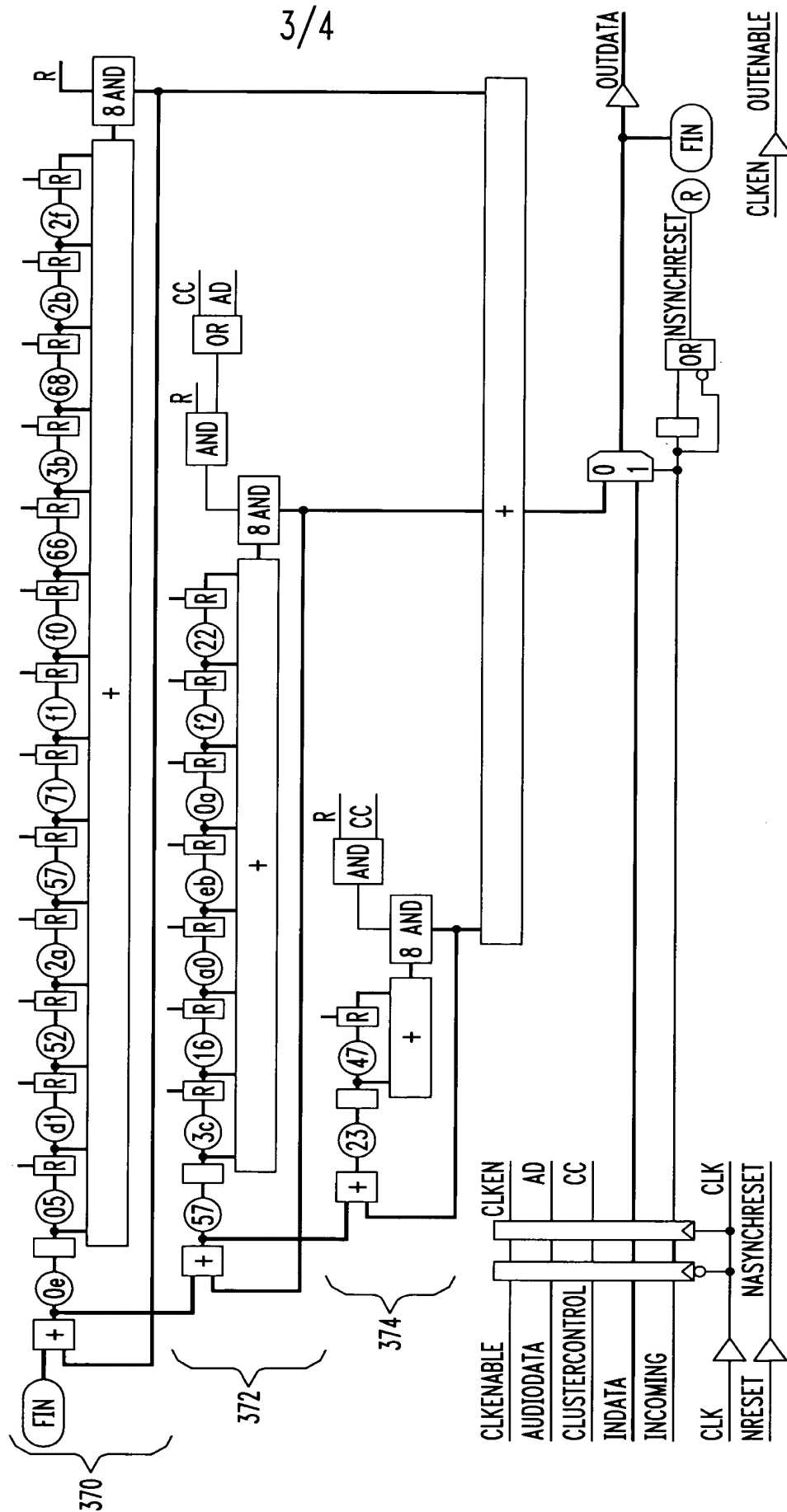
FIG. 3

BLOCK DIAGRAM OF PREFERRED EMBODIMENT OF MULTI-RATE RS ENCODER
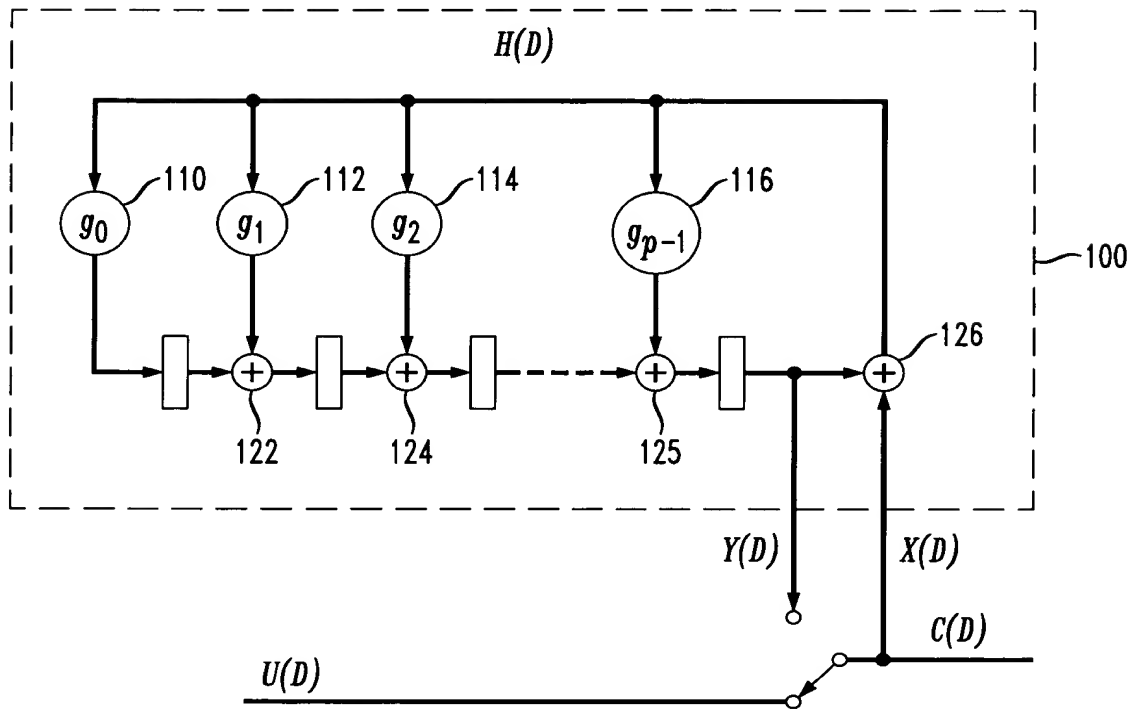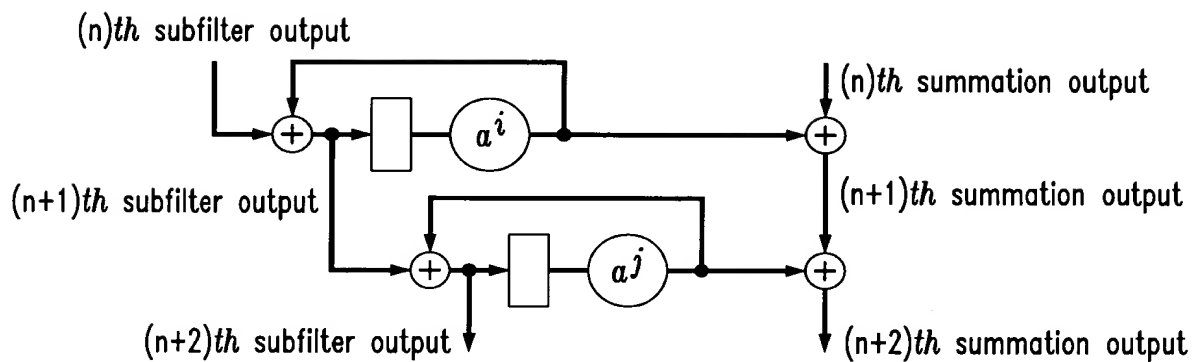
FIG. 1

STANDARD REED SOLOMON ENCODER

● ●

FIG. 4

TWO CASCADED SUBFILTERS OF [1]

(n)*th* subfilter output

(n)*th* summation output

a^i

(n+1)*th* subfilter output

(n+1)*th* summation output

a^j

(n+2)*th* subfilter output

(n+2)*th* summation output

FIG. 5

SUBFILTER EQUIVALENT TO JUDICIOUSLY PAIRED SUBFILTERS OF [1]

(n)*th* subfilter output

(n)*th* summation output

$a^i + a^{-i}$

(n+1)*th* subfilter output

(n+1)*th* summation output